

PATENT APPLICATION FEE DETERMINATION RECORD
Effective December 8, 2004

10/154160

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

| | | | |
|----------------------------------|--|--------------|--------------------------|
| TOTAL CLAIMS | | | |
| FOR | | NUMBER FILED | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS | | minus 20 = | 28 |
| INDEPENDENT CLAIMS | | minus 3 = | 4 |
| MULTIPLE DEPENDENT CLAIM PRESENT | | | <input type="checkbox"/> |

* If the difference in column 1 is less than zero, enter "0" in column 2

SMALL ENTITY
TYPE OTHER THAN
SMALL ENTITY
OR

| | |
|-----------|-----|
| RATE | Fee |
| BASIC FEE | 715 |
| X\$ 25 = | |
| X100 = | |
| +180 = | |
| TOTAL | |

| | |
|-----------|-----|
| RATE | Fee |
| BASIC FEE | |
| X\$50 = | 28 |
| X200 = | 4 |
| +360 = | |
| TOTAL | |

OTHER THAN
SMALL ENTITY

CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

| AMENDMENT A | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|-------------|---|-------|---|--------------------------|
| | | Minus | 28 | = | |
| | Total | 26 | Minus | 28 | = |
| | Independent | 4 | Minus | 4 | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | <input type="checkbox"/> |

SMALL ENTITY

OTHER THAN
SMALL ENTITY

| | |
|-----------------|------------------------|
| RATE | ADDI- TIONAL FEE |
| X\$ 25 = | |
| X\$50 = | |
| X100 = | |
| +180 = | |
| TOTAL ADDT. FEE | |

| | |
|-----------------|------------------------|
| RATE | ADDI- TIONAL FEE |
| X\$50 = | |
| X200 = | |
| +360 = | |
| TOTAL ADDT. FEE | |

| AMENDMENT B | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|-------------|---|-------|---|--------------------------|
| | | Minus | 28 | = | |
| | Total | 26 | Minus | 28 | = |
| | Independent | 4 | Minus | 4 | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | <input type="checkbox"/> |

| | |
|-----------------|------------------------|
| RATE | ADDI- TIONAL FEE |
| X\$ 25 = | |
| X\$50 = | |
| X100 = | |
| +180 = | |
| TOTAL ADDT. FEE | |

| | |
|-----------------|------------------------|
| RATE | ADDI- TIONAL FEE |
| X\$50 = | |
| X200 = | |
| +360 = | |
| TOTAL ADDT. FEE | |

| AMENDMENT C | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|-------------|---|-------|---|--------------------------|
| | | Minus | 28 | = | |
| | Total | 26 | Minus | 28 | = |
| | Independent | 4 | Minus | 4 | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | <input type="checkbox"/> |

| | |
|----------|------------------------|
| RATE | ADDI- TIONAL FEE |
| X\$ 25 = | |
| X\$50 = | |
| X100 = | |
| +180 = | |

| | |
|---------|------------------------|
| RATE | ADDI- TIONAL FEE |
| X\$50 = | |
| X200 = | |
| +360 = | |